

CERAMIC CARRIER AND CERAMIC CATALYST BODY

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ABSTRACT OF THE DISCLOSURE

10 It is an object of the present invention to provide  
a ceramic catalyst body with a better catalyst  
performance by using a ceramic carrier capable of  
directly supporting a catalyst component.

15 The ceramic carrier of the present invention has a  
multitude of pores or element capable of directly  
supporting the catalyst on the surface of the substrate  
ceramic and a multitude of cells disposed substantially  
parallel to each other with the inside thereof serving as  
gas flow passage, and the cell wall has an irregular  
surface. Since the irregular surface of the cell wall  
results in larger surface area, an improvement in the  
20 conversion performance due to increased quantity of  
catalyst supported can be achieved or the distance  
between the catalyst particles can be made larger to  
thereby prevent deterioration. The irregular surface  
also disturbs the gas flow near the catalyst so that the  
25 probability of making contact with the catalyst increases  
thus resulting in improved conversion performance.